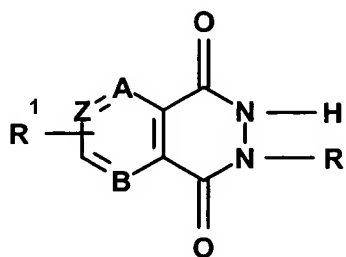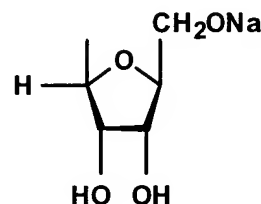# CYCLIC BIOISOSTERES OF DERIVATIVES OF A PURINE SYSTEM AND COMPOSITION BASED THEREON

Abstract

The invention relates to cyclic bioisosteres of derivatives of a purine system having a general structural formula

where R = Li, Na, K,

R^1 = -H, -NH_2, -Br, -Cl, -OH, -COOH,

B = -N=, -CH=, Z = -CH=, -N=,

A = -N= at B = -N=, Z = -CH-,

A = -CH= at B = -N=, Z = -CH-,

A = -CH= at B = -N=, Z = -N=,

A = -CH= at B = -CH=, Z = -CH=,

A = -CH= at B = -CH=, Z = -N=,

and their pharmacologically acceptable salts having a normalizing effect on endocellular processes, in particular, it is capable eliminating endocellular metabolic acidosis and capable of binding excessively formed free radicals, in particular, free-radical forms of oxygen, capable of normalizing the nitrergic mechanisms of the cells, and also capable of interreacting with adenosine-sensitive receptors on the membrane of non-nuclear cells and in nuclei-containing cells to decrease the aggregation of thrombocytes. The compounds according to the invention have hepatoprotective effect and can be used for producing pharmaceutical compositions on their base.